

Foundational CTE Courses

Career Exploration (22151) Employability (22152) Entrepreneurship (12053) Foundations of Technology (10004) Leadership & Service (22101)

Cluster Courses

MS Introduction to AFNR (18000) Introduction to AFNR (18001) CASE Introduction to AFNR (18006) Ag Leadership & Communications (18203)

Pathway Courses

Food Products & Processing Systems Pathway	Plant Systems	Animal Systems Pathway	Power, Structural & Technical Systems Pathway	Natural Resources Systems Pathway	Environmental Service Systems Pathway	Agribusiness Systems Pathway
Ag Processing Technology (18302)	Fundamental Plant Science (18051)	Fundamental Animal Science (18101)	Fundamental Ag Mechanical Technologies (18401)	Wildlife & Fisheries (18501)	Environmental Science (03003)	Agribusiness Sales & Marketing (18201)
Food Science (18305)	Fundamental Horticulture (18052)	Companion Animals (18102)	Ag Systems Technology (18402)	Fundamental Natural Resources (18504)	Fundamental Natural Resources (18504)	Agribusiness Management (18202)
Agriculture Biotechnology (18308)	Advanced Horticulture (18053)	Advanced Animal Science (18107)	Fundamental Ag Structures Technology (18403)	Advanced Natural Resources (18502)	Advanced Natural Resources (18502)	
	Advanced Plant Science (18057)	Agriculture Biotechnology (18308)	Ag Metal Fabrication (18404)		Agriculture Biotechnology (18308)	
	Agriculture Biotechnology (18308)		Advanced Ag Structures Technology (18407)			

Curriculum for Agricultural Science Education (CASE) Courses

CASE Food Science & Safety (18312)	CASE Principles of Agricultural Science – Plant (18056)	CASE Principles of Agricultural Science – Animal (18106)	CASE Agricultural Power & Technology (18405)	CASE Natural Resources & Ecology (18505)	CASE Environmental Science Issues (18507)	
	CASE Animal & Plant Biotechnology (18313)	CASE Animal & Plant Biotechnology (18313)	CASE Mechanical Systems in Agriculture (18449)			

Dual Credit Courses

Visit www.sdmylife.com for a full list of dual credit courses in the Agriculture, Food & Natural Resources Career Cluster.

Academic CTE Courses

Biology (03051^*) Biology - Advanced Studies (03052) AP Biology (03056^*) Chemistry (03101^*) Organic Chemistry (03103)
AP Chemistry (03106^*) AP Environmental Science (03207) Physics (03151^*) Geometry (02072^*)

Capstone CTE Courses

Entrepreneurship Experience (80026) Senior Experience (80019^*) Youth Apprenticeship (80020) Service Learning (22104) Youth Internships (80018^*)
CASE Ag Research & Development (18204)